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PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 06-350-US)

In re Application of:
Beckman, et al.

Serial No.: 10/031,534

Patent No.: 6,911,121

Filed: March 28, 2002

Issue date: June 28, 2005

Group Art Unit: 1764

Examiner: V. Manoharan

Confirmation No.: 6232

For: Method and Apparatus for Simultaneous
Heat and Mass Transfer Utilizing a
Carrier-Gas

Mail Stop: Petitions
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

With respect to the above identified application:

1. We are transmitting herewith the attached:

- ☒ Transmittal Letter;
- ☒ Petition for Expungement of Assignment Records;
- ☒ Recordation Form Cover Sheet;
- ☒ Affidavit in Support of Petition for Expungement of Assignment Records;
- ☒ Incorrect Agilent Assignment Reel/Frame 015450/0807;
- ☒ Correct Agilent Assignment Reel/Frame 015450/0809;
- ☒ Correct Assignment Reel/Frame 016745/0819; and
- ☒ Return receipt postcard.

2. With respect to fees:

- ☒ A fee in the amount of \$240.00 is to be charged to Deposit Account No. 13-2490.

3. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2490.

4. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned also hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service via Express Mail in an envelope addressed to: Mail Stop: Petitions Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313 on this 19th day of August, 2008. Express Mail No.: EV840507234US.

McDonnell Boehnen Hulbert & Berghoff LLP

By

Isadora F. Bielsky

Reg. No. 60,748



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 06-350-US)

In re Application of:

Beckman, et al.

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McDonnell Boehnen Hulbert & Berghoff LLP

By

Isadora F. Bielsky

Reg. No. 60,748



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 06-350-US)

In re Application of:)
)
 Beckman, et al.) Group Art Unit: 1764
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 Serial No.: 10/031,534) Examiner: V. Manoharan
 Patent No.: **6,911,121**)
)
 Filed: March 28, 2002) Confirmation No.: 6232
 Issue Date: **June 28, 2005**)
)
 For: **Method and Apparatus for Simultaneous**)
 Heat and Mass Transfer Utilizing A Carrier-Gas)

Mail Stop: **Petitions**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

PETITION FOR EXPUNGEMENT OF ASSIGNMENT RECORDS

Dear Sir,

Applicants submit the following petition, as outlined in MPEP §323.01(d), to expunge the erroneous assignment (reel/frame 015450/0807) which was recorded in error by Agilent Technologies against the above referenced patent. The assignment (reel/frame 015450/0807) was recorded with assignor: John M. Monk to assignee: Agilent Technologies. Neither of these parties have an interest in the above referenced patent either as assignor or assignee. The assignment recorded by Agilent inadvertently recited the attorney docket number (10031534) as the serial number. As can be seen in the attached incorrect assignment, Agilent intended to record serial number 10/830726 which they subsequently did in a separate assignment (see real/frame 015450/0809). The Agilent attorney docket number (10031534) corresponded to the serial number (10/031534) for the above referenced patent and was thus recorded against the Applicant's patent and not the patent for which it was intended. Applicants have attempted to contact the Agilent attorney to

08/21/2008 MGE BREM1 00000015 132490 10031534
01 FC:1463 200.00 DA

correct the error, but have been unsuccessful.

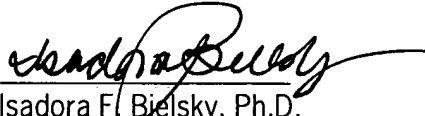
The corrective procedures outlined in MPEP §323.01(a) through §323.01(c) will not provide the petitioner with adequate relief due to the fact that these procedures will not remove the erroneous assignment from the record and will therefore be viewable on the Patent Office assignment database to potential licensees and cast a doubt on the chain of title for the patent. Furthermore, the integrity of the assignment records will not be affected by the granting of this petition given that the assignment in question was recorded against the above patent due to a typographical error and neither the assignor nor the assignee ever had any rights in the above referenced patent.

Applicants submit herewith as outlined in MPEP §323.01(c) a completed cover sheet identifying the patent against which the assignment was improperly recorded; an affidavit; and the required fee, as well as copies of the incorrect assignment as well as the correct assignment and the petition fee of \$200.00 under 37 CFR §1.17(g) and §1.59(b). The director is authorized to charge all necessary fees to deposit account number 13-2490.

If there are any questions the examiner may contact the representative below.

Respectfully submitted,

Date: August 19, 2008


Isadora F. Bielsky, Ph.D.
Registration No. 60,748



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 06-350-US)

In re Application of:

Beckman, et al.

Group Art. Unit: 1764

Serial No.: 10/031,534

Examiner: V.

Manoharan

Patent No.: 6,911,121

Filed: March 28, 2002

Confirmation No.: 6232

Issue Date: June 28, 2005

For: Method and Apparatus for Simultaneous)
Heat and Mass Transfer Utilizing A Carrier-Gas)

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

AFFIDAVIT IN SUPPORT OF PETITION FOR EXPUNGEMENT OF ASSIGNMENT
RECORDS

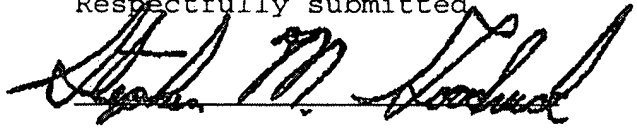
Dear Sir,

Applicants submit the following affidavit, as outlined in MPEP §323.01(c), to rectify the filing of an assignment improperly filed and recorded by another person against the Applicant's patent number 6,911,121. Applicants hereby state that The Arizona Board of Regents is the correct owner of patent no. 6,911,121 (application serial no. 10/031,534). The erroneous assignment reel/frame 015450/0807 was recorded in error by Agilent Technologies against the above referenced patent. The assignment (reel/frame 015450/0807) was recorded with assignor: John M. Monk to assignee: Agilent Technologies. Neither of these parties have an interest in the above referenced patent either as assignor or assignee. The assignment recorded by Agilent inadvertently recited the attorney docket number (10031534) as the serial number. As can be seen in the attached incorrect assignment, Agilent intended to record serial number 10/830726 which they subsequently did in a separate assignment (see real/frame 015450/0809). The Agilent attorney docket number (10031534) corresponded to the serial number (10/031534) for the above referenced patent and was thus recorded against the

Applicant's patent and not the patent for which it was intended. Applicants have attempted to contact the Agilent attorney to correct the error, but have been unsuccessful.

The true chain of title was from the assignor: James R. Beckman (the inventor) to the assignee: Arizona Board of Regents. The correct assignment document is submitted herewith and has been recorded in reel/frame 016745/0819. The chain of title for patent no: 6,911,121 should not be considered altered by the incorrect assignment, and thus the last correct assignee, Arizona Board of Regents, has been and continues to be the owner of the patent at issue.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Stephen M. Goodnick", written over a horizontal line.

Date:

Stephen M. Goodnick

Associate VP for Research

Arizona Board of Regents

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

James R. Beckman

2. Name and address of receiving party(ies)

Name: ARIZONA BOARD OF REGENTS

Address: 1475 North Scottsdale Road, Skysong-Suite
200, Scottsdale, AZ 85257-9908

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 07-05-2005

- ☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☒ Other Correct error made in a previously recorded
assignment that effects identified patent

Name:

Address:

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

10 031 534

B. Patent No.(s)

691112

Additional numbers attached? ☐ Yes ☒ NO

5. Name and address to whom correspondence
concerning document should be mailed:

Name: Isadora F. Bielsky

Address: McDonnell Boehnen Hulbert & Berghoff LLP
300 South Wacker Drive, 32nd Floor

City: Chicago

State: IL Zip: 60606

Phone Number: 312-913-0001

Fax Number: 312-913-0002

Email Address: docketing@mbhb.com

6. Total number of applications and patents
involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers

Expiration Date

b. Deposit Account Number 132490

Authorized User Name Isadora F. Bielsky

9. Signature: Isadora F. Bielsky

Signature

2008-08-19

Date

Isadora F. Bielsky

Name of Person Signing

Total number of pages including cover
sheet, attachments, and document:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

RECORDATION FORM COVER SHEET
PATENTS ONLY

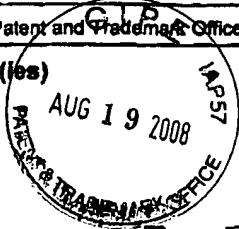


103039780

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Beckman, James R.



2. Name and address of receiving party(ies)

Name: Arizona Board of Regents

Internal Address: Arizona State University

The Brickyard Suite 601, Room 691AA

Street Address: 699 S. Mill Avenue

City: Tempe

State: Arizona

Country: USA

Zip: 85281

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 07/05/2005

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

6,911,121

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Albert L. Schmeiser

Internal Address:

Street Address: Schmeiser, Olsen & Watts LLP

18 E. University Dr., #101

City: Mesa

State: Arizona Zip: 85201

Phone Number: 480-655-0073

Fax Number: 480-655-9536

Email Address:

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers

Expiration Date

b. Deposit Account Number

Authorized User Name

9. Signature:

Albert L. Schmeiser

Signature

July 8, 2005

Date

Albert L. Schmeiser

Name of Person Signing

Total number of pages including cover

2

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

07/12/2005 ECOOPER 00000194 6911121

01 FC:8021

(40.00 DP)

PATENT
REEL: 016745 FRAME: 0819

ASSIGNMENT

WHEREAS, James R. Beckman, hereinafter referred to as "Assignor", is the owner of certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **METHOD AND APPARATUS FOR SIMULTANEOUS HEAT AND MASS TRANSFER UTILIZING A CARRIER-GAS**

Patent No.: **6,911,121**

Patent Date: **June 28, 2005**

WHEREAS, Arizona Board of Regents, having a business address at Arizona State University, The Brickyard Suite 601, Room 691AA, 699 S. Mill Avenue, Tempe, Arizona 85281, hereinafter referred to as "Assignee", is desirous of acquiring the entire right, title and interest in and to said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for One Dollar (\$1.00) and other good and valuable considerations, receipt of which is hereby acknowledged by Assignor, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had the assignment and transfer not been made, to the full end and term of any such Letters Patent.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment

Assignor further agrees that he will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has hereunto signed his name to this assignment on the date indicated below.

Date: 7/5/05

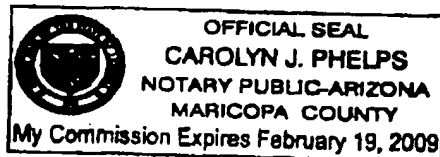
By: James R. Beckman
James R. Beckman

STATE OF ARIZONA)
COUNTY OF MARICOPA)

On this 5th day of July in the year of 2005, before me, the undersigned notary public, personally appeared the above-named Assignor, proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same in his/her authorized capacity and that by this signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

Witness my hand and official seal.

Carolyn J. Phelps
Notary Public





PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
John M. Monk	04/13/2004
RECEIVING PARTY DATA	
Name:	Agilent Technologies, Inc.
Street Address:	P.O. Box 7599
Internal Address:	Legal Department DL 429
City:	Loveland
State/Country:	COLORADO
Postal Code:	80537-0599
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10830726
CORRESPONDENCE DATA	
Fax Number:	(978)681-2441
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	978 681-2406
Email:	eleanor_pennisi@agilent.com
Correspondent Name:	Eleanor Pennisi
Address Line 1:	P.O. Box 7599
Address Line 2:	Legal Department DL 429
Address Line 4:	Loveland, MASSACHUSETTS 80537-0599
NAME OF SUBMITTER:	Eleanor Pennisi
Total Attachments: 1 source=10031534#page1.tif	

CH \$40.00 10830726

500014749

PATENT
REEL: 015450 FRAME: 0809

When recorded please return to:

AGILENT TECHNOLOGIES, INC.
Legal Department, DL429
Intellectual Property Administration
P. O. Box 7599
Loveland, Colorado 80537-0599

PATENT APPLICATION

ATTORNEY DOCKET NO. 10031534-1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to AGILENT TECHNOLOGIES, INC., a Delaware corporation having its principal place of business in Palo Alto, California, (hereinafter AGILENT), in furtherance of my/our obligations to AGILENT, and do hereby assign and transfer to AGILENT, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

Apparatus And Method For Event Detection

Filing date: 4/23/04

Serial No.: 10/830,726

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patent.

I/we additionally authorize AGILENT to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by AGILENT, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to AGILENT, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to AGILENT, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid AGILENT, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by AGILENT;

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to AGILENT, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct AGILENT attorneys to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):


Inventor's Signature (Seal)

Date Assignment Signed: 4/13/04

Inventor's Typed Name: John M. Monk

Date Application Signed: 4-13-04

RECORDED: 12/14/2004

PATENT
REEL: 015450 FRAME: 0810

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
John M. Monk	04/13/2004
RECEIVING PARTY DATA	
Name:	Agilent Technologies, Inc.
Street Address:	P.O. Box 7599
Internal Address:	Legal Department DL 429
City:	Loveland
State/Country:	COLORADO
Postal Code:	80537-0599
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10031534
CORRESPONDENCE DATA	
Fax Number:	(978)681-2441
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	978 681-2406
Email:	eleanor_pennisi@agilent.com
Correspondent Name:	Eleanor Pennisi
Address Line 1:	40 Shattuck Road
Address Line 4:	Andover, MASSACHUSETTS 01810
NAME OF SUBMITTER:	/Eleanor Pennisi/
Total Attachments: 1 source=10031534#page1.tif	

CH 10031534 \$40.00

500014746

PATENT
REEL: 015460 FRAME: 0807

When recorded please return to:
AGILENT TECHNOLOGIES, INC.
Legal Department, DL429
Intellectual Property Administration
P. O. Box 7699
Loveland, Colorado 80537-0699

PATENT APPLICATION
ATTORNEY DOCKET NO. 10031534-1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to AGILENT TECHNOLOGIES, INC., a Delaware corporation having its principal place of business in Palo Alto, California, (hereinafter AGILENT), in furtherance of my/our obligations to AGILENT, and do hereby assign and transfer to AGILENT, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

Apparatus And Method For Event Detection

Filing date: 4/23/04

Serial No.: 10/830,726

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patent.

I/we additionally authorize AGILENT to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by AGILENT, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to AGILENT, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to AGILENT, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid AGILENT, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by AGILENT;

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to AGILENT, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct AGILENT attorneys to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):


Inventor's Signature (Seal)

Date Assignment Signed: 4/13/04

Inventor's Typed Name: John M. Monk

Date Application Signed: 4-13-04

RECORDED: 12/14/2004

PATENT
REEL: 015450 FRAME: 0808